Vol. XXV. No. 58.

BOSTON, MASS., MONDAY, MARCH 12, 1906

PRICE THREE CENTS.

TUTTLE DRAWS BIG CROWD.

187 Men Served at Kommers and Many Turned Away.

President Lucius Tuttle of the Boston and Maine Railroad, proved to be such an attraction that 187 men were served with dinner at the Kommers Saturday evening. Many more men were turned away, while a large number remained standing in order to hear Mr. Tuttle speak. Among those present were Professors Swain, Allen, Tyler, Bates, Spofford, and Doten, and Mr. Rand.

Mr. Tuttle gave a very interesting talk on the beginnings of the steam railroad. In these strenuous days, people are prone to assume that everything has come about through a definite purpose. This mistaken thought is especially common in regard to the railroad.

The railroad was an accident; it was an evolution of what had been, the highways, the tramways in the English mines. The tramways of the Seventeeth Century were rude indeed; they had only wooden rails. With the coming of iron rails, many miles of tramways were built, carrying the coal from the mines to the rivers. That was the only use made of the tramway.

With the end of the War of 1812, and the Battle of Waterloo, a universal peace began, lasting over fifty years. Immediately there was an uprising of trade and commerce and a necessity for transportation facilities. Wagon roads and canals were built, but they provided only reasonable means of transportation.

In the North of Ireland there were some valuable coal fields which were not mined because the mines were shut off from the nearest river by a high divide. The company owning them decided, after many plans had failed, to build a railroad. George Stephenson, a young Scotchman, was called in to assist them.

Stevenson had worked himself up from the lowest position at the mines to the highest, and had never neglected an opportunity to find out what things meant and how they might be improved. He became interested in the possibilities of steam locomotion and in 1814 produced a steam locomotive, which ran four miles an hour and hauled a load of forty tons. Later he blundered into the discovery that the steam exhaust could be used to give a force draught. His locomotive contained the germ of everything used in the modern engines.

Stevenson laid out the new railway and got permission, after several years, to build a locomotive to haul the coal cars. He built two, Number 1, "Locomotion," and Number 2, "Hope." There was no passenger business done by these engines. Horses pulled the passenger coaches. The railway was a success. News of it came to America, and lines were built at once. The modern transportation systems have evolved from this railway built only

WALKER CLUB DINES.

Mr. Litchfield, '85, Explains Why '85 was Tech's Finest Class.

The Walker Club held a very successful dinner last Friday evening at the Technology Club. Besides the undergraduate members Profs. Merrill, Dewey, Doten, and Pearson, and Messrs. Blachstein and Bushnell attended, making in all a large gathering. After dinner President Loring, '06, of the Club, introduced the speaker of the evening, Mr. Isaac W. Litchfield, '85, who is a member of the Technology Fund Committee.

Mr. Litchfield made a few passing remarks about the Fund Committee's work, but hastened to the point of his speech which proved to be an explanation of why '85 was the finest class that ever graduated. He gave a very vivid description of how the "Campus of the Class of 1885" was created and produced the original letter by which President Walker gave the class the right to claim the Campus. In closing he told of the class reunion which was hely at Camp Walker on Squam Lake last June and presented every member of the Club with a "Log of Camp Walker," which was very amusing and caused all to wish that they, too, might belong to the "great and glorious class."

After calling on several of the older men present for a few remarks, President Loring spoke about the future activities of the club and said that he wished to see it a vital part of the Institute life. Before adjournment the club offered Mr. Litchfield a vote of thanks for his kindness in speaking and especially for his generosity in presenting the club with the "Logs of Camp Walker."

CIVILS TO HEAR ALUMNUS.

Mr. F. H. Fay, '93, will give an illustrated lecture on "The Charlestown Bridge and Similar Structures" before a meeting of the Civil Engineering Society today at 4.15 o'clock in 11 Eng. B.

THE WEST TO PLAY FOOTBALL.

Western colleges decided Friday to have football this year, although the style of game will be modified to such an extent that professionalism, brutality, and unnecessary danger, it is hoped, will be eliminated. The professional coach is to remain only as long as existing contracts are in force. This means that Indiana and Michigan will be the only colleges this year which will have the services of a professional coach. The training table was abolished.

with the purpose of carrying coal from the mine to the river.

Toastmaster Hunt, '09, read a telegram from Dr. Pritchett stating his sorrow at not being present.

PREXY MAY BE SUGGESSOR.

Dr. Pritchett Mentioned as Secretary of Smithsonian Institution.

President H. S. Pritchett is being mentioned as the probable successor to the late S. P. Langley as secretary of the Smithsonian Institution. Advices from Washington state that the Smithsonian regents favor the selection, and would probably be will ng to have Dr. Pritchett continue his work with the Carnegie Institution while serving in his new capacity. In such an event it is believed that Dr. Pritchett would accept the position.

At present Dr. Pritehett is dividing his time between Boston and New York, performing his duties as President of the Institute and as President of the Carnegie Institution.

MINING ELECTIONS.

At a meeting of the Mining Engineering Society held last Friday, P. H. Mayer, '07, F. L. Miles, '08, J. Ellsworth, '08, M. J. Daley, '08, H. C. Schriefer, '08, H. Webb, '08, and C. Y. Wen, 08, were elected to membership. Mr. E. G. Acheson gave one of the most instructive and interesting lectures the Society has had. His subject was "Discovery and Invention." He described the discovery and manufacture of artificial graphite, carborundum and a new product which he has named siloxycon. Specimens of these products were shown and Mr. Acheson answered questions and discussed the merits of his products.

CORNELL MEN MAKE TESTS.

The Ward line steamship Morro Castle brought back to New York last week nine Cornell Seniors in the Mechanical Engineering Course, who made the round trip to Cuba with a professor purely in the interest of science. They were the guests of the line and spent most of the time at sea in the engine-room making tests to determine the efficiency of the engines.

COMMUNICATION.

The Editors do not hold themselves responsible for opinions expressed by correspondents.

EDITOR THE TECH, Boston, Mass.

DEAR SIR:—For the information of those undergraduates interested either directly or indirectly in any sport or game under the supervision and control of the Advisory Council on Athletics, M. I. T., I am directed to state that all matters pertaining to athletic relationships with other colleges, such as joining or resigning from college leagues, the making of agreements, schedules of games or meets, etc., must be submitted to this body before definite action is taken by any undergraduate association or manager of team.

Yours truly, Frank H. Briggs, Chairman. over 1,000.

CALENDAR.

Monday, March 12.

1.15 P.M. Class Day Committee Photograph at Notman's Studio.

1.30 P.M. 1907 Kommers Committee Meeting in the General Library. 4.00 P.M. Rehearsal of Tech Show

Chorus at the Tech Union. 4.00 p.m. Banjo Club Rehearsal in 33 Rogers.

4.00 P.M. Mandolin Club Rehearsal in 31 Rogers.

4.15 P.M. TECH Board Meeting in the Trophy Room, Rogers.

4.15 P.M. Civil Engineering Society Meeting in 11 Eng. B.

8.00 P.M. First of a Series of Lowell Institute Lectures by Prof. Pitman on "Certain Prevalent Nervous Derangements," in Huntington Hall.

TUESDAY, MARCH 13.

4.00 P.M Rehearsal of Tech Show Principals at the Tech Union.

4.00 P.M. Glee Club Rehearsal at the Boston Y. M. C. A.

8.00 P.M. Tech Chess Club vs. Jamaica Plain Chess Club at the Boston Chess Club.

WEDNESDAY, MARCH 14.

4.00 p.m. 1908 Electoral Committee Meeting in 22 Rogers.

4.00 P.M. Tech Show Chorus Rehearsal at the Tech Union.

4.00 P.M. Glee Club Rehearsal at the Boston Y. M. C. A.

NOTICES.

1907 Kommers. — The Junior Kommers Committee will meet in the General Library today at 1.30 P.M.

Electoral Committe.—The Sophomore Electoral Committee will hold its first meeting Wednesday, March 14, at 4 P.M. Every member must be present.

ARTICLES BY PROF. HAVEN.

The current issue of The Inventor, published by the Inventors' Exchange, Boston, contains the first of a series of articles by Prof. G. B. Haven, S. B., on "Mechanism for Inventors." "The object of this series of papers is to take up, in simple and practical fashion, a number of mechanical movements and to render them of use of inventors."

The first article gives a short but comprehensive review of the principles of the cam, and works out several problems in designing cams.

These articles will be continued in successive issues whenever possible. Practical problems will be outlined and their solution announced in the succeeding chapter.

University of Virginia will hold one of the largest track meets ever held in the South, on April 21.

One hundred colored students at Talladega College left college recently, because a southern white man was employed as superintendent of the college farm. Among the strikers were several females. Talladega is a co-educational institution for negroes and has an enrollment of over 1,000.



Published every Monday, Wednesday and Friday auring the college year (from September to June), by students of the Massachusetts Institute of Technology.

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In charge of this issue:

W. F. DOLKE, 1988

Monday, March 12, 1906.

It is with regret and shame that we find it necessary to speak of such childish actions as have been brought to our notice in regard to Disrespect. the defacement of the Kemmers' notices, which are posted in Rogers Building, Such an institution as the Kommers has to look to the undergraduates for its support, and these who share in such unpremeditated pranks - for we are sure no one would willfully endeaver to make sport of this purely Technology custom - deserve the censure of their fellow classmates as well as of those whose work they ridicule by their actions. It is not the enthusiastic supporter of undergraduate activities that lowers himself to this level, but some individual or collection of individuals, who by their own choice have taken no part in promoting good fellowship in any of its phases, and who have made themselves unworthy to share in any undertaking of the students, by their evident lack of interest in the past, and by the continual lack of serious. ness and respect in their treatment of our several commendable institutions or customs, of which the Kommers is but an example. With such affairs is associated a certain amount of sentiment because they are memorials of the work of those to whom every man at the Institute owes respect, namely, of our President, and of former presidents. When this is considered it seems but deserved, that those who lay themselves liable by such actions should receive the censure of men who have the welfare of the Institute at heart. THE TECH hopes that there will be no cause to refer to such ungentlemanly actions

In regard to the communication published in another column The Tech thinks, that the radical action

Concentrate Your

in the future.

in dealing out censure to those connected with our athletic teams is surely undeserved. The undergraduate opinion, as well

as that of a number of individuals, seems to endorse the action of the Fencing Team without reserve.

We have been unsuccessful in our endeavors to ascertain in what particular line the Fencing Team has incurred the displeasure of the Council, hence the only inference to be drawn from this reserved silence is that the cancelling of the quadrangular meet of March 17 is the cause. As to this, it seems only natural aside from other motives - to credit the manager or members of any team with a desire to have their team win, or at least to see that if success can-not be attained, that the failure is because of the superiority of their opponents. When this is the opinion, all parties concerned are satisfied, for a defeat by a more able team is by no means a disgrace.

An undergraduate manager is elected to perform the duties of the team of his respective association, because athletics and athletic teams are undergraduate affairs, and it is the students who have their welfare most at heart. When the Council endorses the election of any one as manager it thereby shows its confidence in him; and when his schedule is accepted, this is a further mark of approval.

The circumstances are usually such that a manager must act first and then have his action approved, otherwise opportunities pass, and while we would not uphold the management in usurping all the authority, still it appears only just that they be supported although a mistake might have been made.

The natural course would seem to be to have the matter talked over carefully and seriously by all officials concerned, so that an amicable agreement could be reached, and in this way insure against mistakes in the future. In the course pursued, the censure falls partly on the Council itself, in that they feel it necessary to instruct the managers approved by them in rules which are supposed to have been understood when they accepted the manager's election.

The present situation is no doubt the result of a deplorable general misunderstanding. It appears that both sides, in their zeal to place Technology in the front rank, have let narrow enthusiasm lead them into a false step; the team in being too ready, if such is possible, to uphold its rights and the Council too quick to deal out reprimands without considering the matter from the other point of view—that of the team and students generally.

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AT THE THEATRES.

Majestic Theatre.

The beautiful Scriptural play " Mizpah," enters upon the last week of its Boston and New England engagement on this evening. This beautiful and spectacular production is one of the finest which has been offered to Boston playgoers in a long time and has attracted theatregoers no less by the beauty of its scenery than by the stirring dramatic story and by the excellence of a strong cast.

Castle Square Theatre.

The attraction at the Castle Square Theatre this week will be "Prince Otto," one of Robert Louis Stevenson's picturesque rómances. Several years ago this play was acted suc-

cessfully by Otis Skinner, but this will be its first performance in Boston. The title role will be played by John Craig and the heroine by Lillian Kemble. During the week of March 19, "The Edge of the Storm," an English melodrama originally produced by Forbes Robertson, will be played at the Castle Square.

A collection of Russian documents and state papers has been presented to Columbia University by M. Witte, the Russian premier. The colleclection includes all the Russian state papers now in print, as well as copies of the Russian codes and reports on agriculture, census, finances and Siberian affairs. M. Witte last September received from the university the degree of doctor of laws.

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